

Four friends are planning to buy jeans. Several stores are having sales in which they mark down items more each week as the sale goes on. The friends have checked the markdowns for the jeans they like at the three stores. One of the four friends summarized all the sale information in a table.

Week	Top Down Values		Base Minus Sales		Bargains All The Time	
	Markdown	Price	Markdown	Price	Markdown	Price
0	None	\$60	None	\$60	None	\$60
1	30% off		20% off		10% off	
2	20% more off sale price		20% more off sale price		20% more off sale price	
3	10% more off sale price		20% more off sale price		30% more off sale price	

- Without calculating, predict which store will have the best price during the third week. Explain your reasoning.
- Calculate the prices of jeans at each store for each week. Fill in the chart.
- Which store offers the best buy each week?
- Martha and Abigail live in Littleburg, where there is one bank. This bank only offers savings accounts with simple interest. Ten years ago, Martha deposited \$500 in an account paying 3% simple interest and Abigail deposited \$450 in an account paying 3.5% simple interest. How much money does each one have after 10 years?
- Sonja bought a new van for her business. The cost of the van was \$35,000, and she had to pay 6% sales tax. What was the total cost of the van, including tax?
- A radio station gave free tickets to 10% of the people attending a concert. The radio station gave 640 people free tickets. What is the total number of people who attended the concert?



